

JOURNALS FROM WHICH ABSTRACTS ARE MADE.

The following is a list of the principal Journals from which abstracts are made (directly or indirectly) by the Bureau of Chemical Abstracts. Further information regarding any of these Journals may be obtained from the Secretary of the Bureau.

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Abh. Böhm. Akad. .	Abhandlungen der Böhmisohen Akademie.	Arch. Suikerind. Ned-Indio .	Archief voor de Suikerindustrie in Nederlandsch-Indië.
Acta Phytochim.	Acta Phytochimica.	Arh. Hemiju	Arhiv za Hemiju i Farmaciju.
Acta Sci. Fennicae .	Acta Societatis Scientiarum Fennicae.	Arkiv Kemi, Min., Geol. .	Arkiv för Kemi, Mineralogi och Geologi.
Agric. Livo Stock India	Agricult and Live Stock in India.	Astrophys. J. .	Astrophysical Journal.
Agric. Res. Inst., Pusa, Rep. (Bull.) .	Agricultural Research Institute, Pusa, Reports and Bulletins.	Atti R. Accad. Lincei	Atti della Reale Accademia Nazionale dei Lincei.
Allgom. Oel- Fett-Ztg.	Allgemeine Oel- und Fett-Zeitung.	Atti R. Accad. Sci. Torino .	Atti della Reale Accademia delle Scienze di Torino.
Allgom. Z. Bierbrau. .	Allgemeine Zeitschrift für Biorbraneroi und Malzfabrikation.	Austral. J. Exp. Biol.	Australian Journal of Experimental Biology and Medicine.
Amer. J. Bot. .	American Journal of Botany.	B.P.	British Patent.
Amer. J. Dis. Children	American Journal of Diseases of Children.	Ber.	Berichte der Deutschen chemischen Gesellschaft.
Amer. J. Pharm.	American Journal of Pharmacy.	Ber. Deut. bot. Ges. .	Berichte der Deutschen botanischen Gesellschaft.
Amer. J. Physiol.	American Journal of Physiology.	Ber. Ges. Kohlentechn.	Berichte der Gesellschaft für Kohlentechnik.
Amer. J. Publ. Health	American Journal of Public Health.	Ber. Ohara Inst. landw. Forsch.	Berichte des Ohara Instituts für landwirtschaftliche Forschungen.
Amer. J. Sci. .	American Journal of Science.	Ber. Sachs. Akad. Wiss. .	Berichte über die Verhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig.
Amer. Min.	American Mineralogist.	Berlin. Klin. Woch. .	Berliner Klinische Wochenschrift.
Amer. Paint. & Var. Manuf. Assoc. Circ.	American Paint and Varnish Manufacturers' Association Circulars.	Bied. Zentr.	Biedermann's Zentralblatt.
Anal. Asoc. Quím. Argentina	Anales de la Asociación Química Argentina.	Biochem. J.	Biochemical Journal.
Anal. Fis. Quím.	Anales de Física y Química.	Biochem. Z.	Biochemische Zeitschrift.
Analyst .	Analyst.	Bol. Acad. Nac. Ciencias, Cordoba	Boletín de la Academia Nacional de Ciencias, Córdoba.
Angew. Chem. .	Angewandte Chemie (changed from Z. angew. Chem. in 1932).	Boll. Soc. Geol. Ital. .	Bolletino della Società Geologica Italiana.
Ann. Acad. Brasil Sci.	Annals da Academia Brasileira de Ciencias.	Boll. Soc. Med.-Chirurg.	Bolletino della Società Medico-Chirurgica, Pavia.
Annalen .	Justus Liebig's Annalen der Chemie.	Boll. Off. Staz. Sperim. Ind. Essenza	Bolletino Ufficiale della R. Stazione Sperimentale per l'Industria delle Essenze o dei Derkwati dagli Agrumi in Reggio Calabria.
Ann. Bot.	Annals of Botany.	Boll. Off. Staz. Sperim. Ind. Polli	R. Stazione Sperimentale per l'Industria dello Pelli e delle materie concianti, Bolletino Ufficiale.
Ann. di Bot.	Annali di Botanica.	Bot. Gaz.	Botanical Gazette.
Annali Chim. Appl. .	Annali di Chimica Applicata.	Brass. Malt.	Brasserie et Malterie.
Ann. Chim.	Annales de Chimie.	Brau- u. Malzind.	Brau- u. Malzindustrie.
Ann. Chim. Analyt. .	Annales de Chimie Analytique et de Chimie Appliquée.	Braunkohle	Braunkohle.
Ann. Falsif.	Annales des Falsifications.	Brennstoff-Chem.	Brennstoff-Chemie.
Ann. Inst. Anal. Phys. Chem.	Annales de l'Institut d'Analyse Physico-chimique.	Brewers' J.	Brewers' Journal.
Ann. Inst. Pasteur	Annales de l'Institut Pasteur.	Brit. J. Phot. .	British Journal of Photography.
Ann. Inst. Platine	Annales de l'Institut du Platine et des Autres Métaux Précieux.	Brit. Med. J. .	British Medical Journal.
Ann. Physik	Annalen der Physik.	Buletinul Chim.	Buletinul Chimie.
Ann. Physique	Annales de Physique.	Bul. Chim. Soc. Romane	Buletinul de Chimie pura si aplicata al Societatii Romane de Chimie.
Ann. R. Staz. Chim. Agrar. Sperim.	Annali della R. Stazione Chimico Agraria Sperimentale di Roma.	Bul. Soc. Romane Stiin.	Buletinul Societatii Romane de Stiinte.
Ann. sci. Univ. Jassy.	Annales scientifiques de l'Université de Jassy.	Bull. Acad. Polonaise	Bulletin Internationale de l'Académie Polonaise des Sciences et des Lettres.
Apoth.-Ztg.	Apotheker-Zeitung.	Bull. Acad. roy. Belg.	Académie royale de Belgique—Bulletin de la Classe des Sciences.
Arb. Gehiet. Physik, Math., Chem.	Arbeiten aus dem Gebiete der Physik, Mathematik und Chemie.	Bull. Acad. Sci. U.R.S.S.	Bulletin de l'Académie des Sciences de l'Union des Républiques Socialistiques Socialistes.
Arch. Eisenhüttenw. .	Archiv. für das Eisenhüttenwesen.	Bull. Acad. Sci. Roumaine	Bulletin de la Section Scientifique de l'Académie Roumaine.
Arch. exp. Path. Pharm.	Archiv für experimentelle Pathologie und Pharmakologie.	Bull. Assoc. Chim. Suer.	Bulletin de l'Association des Chimistes de Sucrerie et de Distillerie.
Arch. Farm. sperim. Sci. aff.	Archivio di Farmacologia sperimentale e Scienze affini.		
Arch. Int. Med.	Archives of Internal Medicine.		
Arch. Med. Pharm. milit. .	Archives de Medicine et de Pharmacologie militaires.		
Arch. Neerland.	Archives Néerlandaises de sciences exactes et naturelles.		
Arch. Neerland. physiol.	Archives Néerlandaises de physiologie de l'homme et des animaux.		
Arch. Pharm. .	Archiv der Pharmazie.		
Arch. Sci. phys. nat. .	Archives des Sciences physique et naturelles.		

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Bull. Bur. Stand.	Bulletin of the Bureau of Standards (U.S.A.).	Colloquium.	Colloquium.
Bull. Chem. Soc. Japan	Bulletin of the Chemical Society of Japan.	Compt. rend.	Comptes rendus hebdomadaires des Séances de l'Académie des Sciences.
Bull. Entomol. Res.	Bulletin of Entomological Research.	Compt. rend. Soc. Biol.	Comptes rendus hebdomadaires des Séances de la Société de Biologie.
Bull. Fed. Ind. Chim. Belg.	Bulletin de la Fédération des Industries Chimiques de Belgique.	Compt. rend. Trav. Lab. Carlsberg	Comptes rendus des Travaux du Laboratoire Carlsberg.
Bull. Forest Exp. Stat. Moguro	Bulletin of the Forest Experiment Station, Moguro, Tokyo.	Dansk Tidsskr. Farm.	Dansk Tidsskrift for Farmaci.
Bull. Geol. Survey, U.S.A.	Bulletin of the U.S. Geological Survey.	Dept. Chem. S. Australia, Bull.	Department of Chemistry, South Australia, Bulletins.
Bull. Imp. Inst.	Bulletin of the Imperial Institute.	Dout. med. Woch.	Deutsche medizinische Wochenschrift.
Bull. Inst. Phys. Chem. Res., Japan	Bulletin of the Institute of Physical and Chemical Research, Japan (Rikagaku Kenkyujo Itho).	Ecology	Ecology.
Bull. Inst. Pin	Bulletin de l'Institut du Pin.	Econ. Geol.	Economic Geology.
Bull. Acad. Polonaise	Bulletin International de l'Académie Polonaise des Sciences et des Lettres.	Econ. Proc. Roy. Dubl. Soc.	Economic Proceedings of the Royal Dublin Society.
Bull. Johns Hopkins Hosp.	Bulletin of the Johns Hopkins Hospital.	Engineering	Engineering.
Bull. Math. Phys. Bucarest	Bulletin de Mathématiques et de Physique pure et appliquées de l'Ecole Polytechnique "Roi Carol II" Bucarest.	Eng. and Min. J.	Engineering and Mining Journal.
Bull. Mat. Grasses	Bulletin des Matières Grasses.	Eng. News-Rec.	Engineering News-Record.
Bull. School Mines and Met., Univ. Missouri	Bulletin of the School of Mines and Metallurgy, University of Missouri.	F.P.	French Patent.
Bull. Sci. Acad. Roumaine	Bulletin de la Section Scientifique, Académie Roumaine.	Farbo n. Lack	Farbe und Lack.
Bull. Sci. Pharmacol.	Bulletin des Sciences Pharmacologiques.	Farbon-Chem.	Farben-Chemiker.
Bull. Sericult., Japan	Bulletin of Sericulture and Silk Industry, Japan.	Farben-Ztg.	Farben-Zeitung.
Bull. Soc. chim.	Bulletin de la Société chimique de Franco.	Fermentforsch.	Fermentforschung.
Bull. Soc. chim. Belg.	Bulletin de la Société chimique de Belgique.	Feuerfest	Feuerfest.
Bull. Soc. Chim. biol.	Bulletin de la Société de Chimie biologique.	Feuerungstechnik	Feuerungstechnik.
Bull. Soc. d'Encour.	Bulletin de la Société d'Encouragement pour l'Industrie Nationale.	Food Tech.	Food Technology.
Bull. Soc. Franç. Phot.	Bulletin de la Société Française de Photographie.	Fuel	Fuel in Science and Practice.
Bull. Soc. Ind. Mulhouse	Bulletin de la Société Industrielle de Mulhouse.	G.P.	German Patent.
Bur. Stand. J. Res.	Bureau of Standards Journal of Research.	Gas J.	Gas Journal.
Caliche	Caliche.	Gas- u. Wasserfach	Gas- und Wasserfach.
Canada Dept. Mines Publ.	Canada Department of Mines Publications.	Gas World	Gas World.
Canad. Chem. Met.	Canadian Chemistry and Metallurgy.	Gazzetta	Gazzetta chimica italiana.
Canad. J. Res.	Canadian Journal of Research.	Geol. Mag.	Geological Magazine.
Caoutchouc et Gutta-Percha	Le Caoutchouc et le Gutta-Percha.	Giorn. Chim. Ind. Appl.	Giornale di Chimica Industriale ed Applicata.
Cellulosechem.	Cellulosechemie.	Gummi-Ztg.	Gummi-Zeitung.
Cement	Cement and Cement Manufacture.	Hawaii Agric. Exp. Stat. Bull.	Hawaii Agricultural Experiment Station Bulletins.
Cereal Chem.	Cereal Chemistry.	Helv. Chim. Acta	Helvetica Chimica Acta.
Chem. Age	Chemical Age.	Indian J. Agric. Sci.	Indian Journal of Agricultural Science.
Chem. App.	Chemische Apparatur.	Indian J. Med. Res.	Indian Journal of Medical Research.
Chem. Eng. Min. Rev.	Chemical Engineering and Mining Review.	India-rubber J.	India-rubber Journal.
Chem. Erde	Chemie der Erde.	Ind. Chem.	Industrial Chemist.
Chem. Fabr.	Die Chemische Fabrik.	Ind. Eng. Chem.	Industrial and Engineering Chemistry.
Chem. and Ind.	Chemistry and Industry.	Int. Rev. Sci. Pract. Agric.	International Review of the Science and Practice of Agriculture.
Chem. Ind.	Chemische Industrie.	Int. Sugar J.	International Sugar Journal.
Chem. Listy	Chemické Listy pro Vědu a Průmysl. Organ de la "Česka chemická Společnost pro Vědu a Průmysl."	Iron Steel Inst. Carnegie Schol. Mem.	Iron and Steel Institute, Carnegie Scholarship Memoirs.
Chem. and Met. Eng.	Chemical and Metallurgical Engineering.	Izvestia Toplotechnicheskogo Instituta (Moscow)	Izvestia Toplotechnicheskogo Instituta (Moscow).
Chem. News	Chemical News.	J.C.S.	Journal of the Chemical Society.
Chem. Trade J.	Chemical Trade Journal.	Jahrb. geol. Reichsanst.	Jahrbuch der geologischen Reichsanstalt.
Chem. Umschau	Chemische Umschau auf dem Gebiete der Fette, Öle, Wachse, und Harze.	Jahrb. Min.	Neues Jahrbuch für Mineralogie, Geologie und Paläontologie.
Chem. Weekblad	Chemisch Weekblad.	Jahrb. Min. Beil.-Bd.	Neues Jahrbuch für Mineralogie, Geologie und Paläontologie, Beilage-Band.
Chem.-Ztg.	Chemiker-Zeitung.	Jahrb. Radioaktiv.	Jahrbuch der Radioaktivität und Elektronik.
Chem. Zentr.	Chemisches Zentralblatt.	Jahrb. wiss. Bot.	Jahrbuch für wissenschaftliche Botanik.
Chim. et Ind.	Chimie et Industrie.	Jahresber. Ges. vaterl. Kultur	Jahresbericht der schlesischen Gesellschaft für vaterländische Kultur.
Chinco J. Physiol.	Chinese Journal of Physiology.	Japan. J. Med. Sci.	Japanese Journal of Medical Sciences.
Coll. Czech. Chem. Comm.	Collection of Czechoslovak Chemical Communications.	Japan. J. Phys.	Japanese Journal of Physics.
		Jernk. Ann.	Jern-kontorcts Annaler.
		J. Agric. Res.	Journal of Agricultural Research.
		J. Agric. Sci.	Journal of Agricultural Science.
		J. Amer. Ceram. Soc.	Journal of the American Ceramic Society.
		J. Amer. Chem. Soc.	Journal of the American Chemical Society.
		J. Amer. Leather Chem. Assoc.	Journal of the American Leather Chemists' Association.
		J. Amer. Med. Assoc.	Journal of the American Medical Association.
		J. Amer. Pharm. Assoc.	Journal of the American Pharmaceutical Association.
		J. Amer. Soc. Agron.	Journal of the American Society of Agronomy.

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
J. Assoc. Off. Agric. Chem.	Journal of the Association of Official Agricultural Chemists.	J. Russ. Phys. Chem. Soc.	Title changed to J. Gen. Chem. Russ. Soc.
J. Bact.	Journal of Bacteriology.	J. Sci. Instr.	Journal of Scientific Instruments.
J. Biol. Chem.	Journal of Biological Chemistry.	J. Scot. Met. Soc.	Journal of the Scottish Meteorological Society.
J. Canad. Min. Inst.	Journal of the Canadian Mining Institute.	J. Soc. Arts	Journal of the Royal Society of Arts.
J. Cellulose Inst. Tokyo	Cellulose Industry, Journal of the Cellulose Institute, Tokyo.	J.S.C.I.	Journal of the Society of Chemical Industry.
J. Chem. Ind. Russ.	Journal of Chemical Industry, Russia.	J. Soc. Chem. Ind. Japan	Journal of the Society of Chemical Industry, Japan. (Kogyō Kwagaku Zasshi.)
J. Chem. Met. Soc. S. Africa	Journal of the Chemical, Metallurgical, and Mining Society of South Africa.	J. Soc. Dyers and Col.	Journal of the Society of Dyers and Colourists.
J. Chem. Soc. Japan	Journal of the Chemical Society of Japan. (Nippon Kwagaku Kwai Shi.)	J.Soc. Leather Trades' Chem.	Journal of the Society of Leather Trades' Chemists.
J. Chim. phys.	Journal de Chimie physique.	J. Soc. Glas. Tech.	Journal of the Society of Glass Technology.
J. Coll. Agric. Hokkaido	Journal of the College of Agriculture, Hokkaido Imperial University, Japan.	J. S. African Chem. Inst.	Journal of the South African Chemical Institute.
J. Coll. Agric. Tokyo	Journal of the College of Agriculture, Imperial University of Tokyo, Japan.	J. State Med.	Journal of State Medicine.
J. Coll. Eng. Tokyo	Journal of the College of Engineering, Imperial University of Tokyo.	J. Textile Inst.	Journal of the Textile Institute.
J. Coll. Sci. Tokyo	Journal of the College of Science, Imperial University of Tokyo.	J. Usines Gaz	Journal des Usines & Gaz.
J. Econ. Entomol.	Journal of Economic Entomology.	J. Washington Acad. Sci.	Journal of the Washington Academy of Sciences.
J. Egypt. Med. Assoc.	Journal of the Egyptian Medical Association.	J. West Scotland Iron Steel Inst.	Journal of the West of Scotland Iron and Steel Institute.
J. Exp. Med.	Journal of Experimental Medicine.	Kali	Kali.
J. Franklin Inst.	Journal of the Franklin Institute.	Kautschuk	Kautschuk.
J. Fuel Soc. Japan	Journal of the Fuel Society of Japan.	Keijo J. Med.	Keijo Journal of Medicine.
J. Gen. Chem. Russ.	Journal of General Chemistry, Russia (formerly J. Russ. Phys. Chem. Soc.).	K. Svenska Vet. Akad. Handl.	Kongliga Svenska Vetenskaps Akademiens Handlingar.
J. Gen. Physiol.	Journal of General Physiology.	Kentucky Exp. Stat. Bull.	Kentucky Experimental Station, Bulletin.
J. Geol.	Journal of Geology.	Keram. Rundsch.	Keramisch Rundschau.
J. Geol. Soc. Tokyo	Chishitsugaku Zasshi (Journal of the Geological Society of Tokyo).	Kolloid-Z.	Kolloid-Zeitschrift.
J. Hygiene	Journal of Hygiene.	Kolloidchem. Beih.	Kolloidchemische Beihefte (title changed to Kolloid-Beihefte in 1932).
J. Indian Chem. Soc.	Quarterly Journal of the Indian Chemical Society.	Kunststoffe	Kunststoffe.
J. Indian Inst. Sci.	Journal of the Indian Institute of Science.	Lancet	The Lancet.
J. Ind. Hyg.	Journal of Industrial Hygiene.	Landw. Jahrb.	Landwirtschaftliche Jahrbücher.
J. Inst. Brew.	Journal of the Institute of Brewing.	Landw. Versuchs-Stat.	Die landwirtschaftlichen Versuchs-Stationen.
J. Inst. Fuel	Journal of the Institute of Fuel.	Latvij. Univ. Raksti.	Latvijas Universitātes Raksti, Kimijas Fakultātes Serija.
J. Inst. Metals	Journal of the Institute of Metals.	Louisiana Planter	Louisiana Planter.
J. Inst. Petroleum Tech.	Journal of the Institution of Petroleum Technologists.	Malay. Agric. J.	Malayan Agricultural Journal.
J. Iron and Steel Inst.	Journal of the Iron and Steel Institute.	Medd. K. Vetenskaps-akad. Nobel-Inst.	Meddelanden från Kongl. Vetenskaps-akademiens Nobel-Institut.
J. Jap. Ceram. Assoc.	Journal of the Japanese Ceramic Association.	Medd. on Grönland	Meddelser on Grönland.
J. Landw.	Journal für Landwirtschaft.	Med. Genees. Lab. Weltevreden	Mededeelingen uit het Geneeskundig Laboratorium te Weltevreden.
J. Marine Biol. Assoc.	Journal of the Marine Biological Association of the United Kingdom.	Med. Doświad.	Medycyna Doświadczenia i Społeczna.
J. Med. Res.	Journal of Medical Research.	Mem. Accad. Lincei	Memorie della Reale Accademia dei Lincei.
J. Min. Agric.	Journal of the Ministry of Agriculture.	Mem. Accad. Sci. Torino	Memorie della Reale Accademia delle Scienze di Torino.
J. Oil Col. Chem. Assoc.	Journal of the Oil and Colour Chemists' Association.	Mem. Coll. Agric. Kyoto	Memoirs of the College of Agriculture, Kyoto Imperial University.
J. Opt. Soc. Amer.	Journal of the Optical Society of America.	Mem. Coll. Sci. Kyoto	Memoirs of the College of Science, Kyoto Imperial University.
J. Path. Bact.	Journal of Pathology and Bacteriology.	Mem. Dept. Agric. India	Memoirs of the Department of Agriculture in India.
J. Pharm. Chim.	Journal de Pharmacie et de Chimie.	Mem. Manchester Phil. Soc.	Memoirs and Proceedings of the Manchester Literary and Philosophical Society.
J. Pharm. Exp. Ther.	Journal of Pharmacology and Experimental Therapeutics.	Mem. Poudres	Mémoires des Poudres.
J. Pharm. Soc. Japan	Journal of the Pharmaceutical Society of Japan. (Yakugakuzasshi.)	Metall u. Erz	Metall und Erz.
J. Physical Chem.	Journal of Physical Chemistry.	Metallurgia	Metallurgia.
J. Physiol.	Journal of Physiology.	Met. & Alloys	Metals and Alloys.
J. Physiol. Path. gen.	Journal de Physiologie et de Pathologie générale.	Metrop. Water Bd. Rep.	Metropolitan Water Board Reports.
J. Phys. Radium	Journal de Physique et le Radium.	Milch. Zentr.	Milchwirtschaftliches Zentralblatt.
J. Pomology	Journal of Pomology and Horticultural Science.	Min. Mag.	Mineralogical Magazine and Journal of the Mineralogical Society.
J. pr. Chem.	Journal für praktische Chemie.	Mitt. Materialprüf.	Mitteilungen aus dem Materialprüfungsamt zu Gross-Lichterfelde West.
J. Proc. Asiatic Soc. Bengal	Journal and Proceedings of the Asiatic Society of Bengal.	Mitt. med. Ges. Tokyo	Mitteilungen der medizinischen Gesellschaft zu Tokyo.
J. Proc. Roy. Soc. New South Wales	Journal and Proceedings of the Royal Society of New South Wales.	Mitt. Naturforsch. Ges. Halle	Mitteilungen der Naturforschenden Gesellschaft zu Halle.
J. Rheology	Journal of Rheology.		
J. Roy. Agric. Soc.	Journal of the Royal Agricultural Society.		
J. Roy. Hort. Soc.	Journal of the Royal Horticultural Society.		
J. Roy. Soc. West Australia	Journal of the Royal Society of West Australia.		
J. Roy. Tech. Coll.	Journal of the Royal Technical College (Glasgow).		

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Mitt. Path. Inst. K. Univ. Japan	Mitteilungen aus dem pathologischen Institut der Kaiserlichen Universität zu Sendai, Japan.	Proc. Inst. Mech. Eng.	Proceedings of the Institution of Mechanical Engineers.
Monatsh.	Monatshefte für Chemie und verwandte Teile anderer Wissenschaften.	Proc. K. Akad. Wetensch. Amsterdam	Koninklijke Akademie van Wetenschappen te Amsterdam. Proceedings (English version).
Mon. Sci.	Moniteur Scientifique.	Proc. Nat. Acad. Sci.	Proceedings of the National Academy of Sciences.
Month. Not. Roy. Astr. Soc.	Monthly Notices of the Royal Astronomical Society, London.	Proc. Nova Scotian Inst. Sci.	Proceedings of the Nova Scotian Institute of Science.
Münch. med. Woch. .	Münchener medizinische Wochenschrift.	Proc. Phil. Soc. Glasgow	Proceedings of the Glasgow Philosophical Society.
Nachr. Ges. Wiss. Göttingen	Nachrichten von der Gesellschaft der Wissenschaften zu Göttingen.	Proc. Physical Soc. .	Proceedings of the Physical Society of London.
Nature	Nature.	Proc. Physiol. Soc. .	Proceedings of the Physiological Society.
Natuurwetensch. Tijds.	Natuurwetenschappelijk Tijdschrift.	Proc. Roy. Inst.	Proceedings of the Royal Institution of Great Britain.
Naturwiss.	Dio Naturwissenschaften.	Proc. Roy. Irish Acad.	Proceedings of the Royal Irish Academy.
Naturw. Rdsch.	Naturwissenschaftliche Rundschau.	Proc. Roy. Soc.	Proceedings of the Royal Society.
New York Agr. Expt. Sta. Bull.	New York Agricultural Experiment Station Bulletins.	Proc. Roy. Soc. Edin.	Proceedings of the Royal Society of Edinburgh.
New Zealand Dominion Laby. Rept.	New Zealand Dominion Laboratory Reports.	Proc. Roy. Soc. Med.	Proceedings of the Royal Society of Medicine.
New Zealand J. Sci. Tech. .	New Zealand Journal of Science and Technology.	Proc. Roy. Soc. Queensland	Proceedings of the Royal Society of Queensland.
Nova Acta Soc. Sci. .	Nova Acta Regiae Societatis Scientiarum Upsaliensis.	Proc. Roy. Soc. Tasmania	Proceedings of the Royal Society of Tasmania.
Ofvers. Finska Vet.-Soc.	Öfversigt af Finska Vetenskaps-Societätens Förhandlingar, Helsingfors.	Proc. Sci. Assoc., Vizianagram	Proceedings of the Science Association, Maharajah's College, Vizianagram.
Oesterr. Chem.-Ztg. .	Oesterreichische Chemiker-Zeitung.	Proc. Soc. Exp. Biol. Med.	Proceedings of the Society for Experimental Biology and Medicine.
Oil and Fat Ind.	Oil and Fat Industries (title changed to Soap in 1932).	Proc. S. Wales Inst. Eng.	Proceedings of the South Wales Institute of Engineers.
Oversigt Danske Vid. Selsk.	Oversigt over det Kongelige Danske Videnskabsnernes Selskabs Forhandlingar.	Proc. Tech. Sect. Paper Makers' Assoc	Proceedings of the Technical Section of the Paper Makers' Association of Great Britain and Ireland.
Paper	Paper.	Proc. U.S. Nat. Mus. .	Proceedings of the United States National Museum.
Papier-Fabr. .	Papier-Fabrikant.	Publ. Fac. Sci. Univ. Masaryk.	Publications de la Faculté des Sciences de l'Université Masaryk (Spisy vydávané Přírodovědeckou Facultou Masarykovy University).
Peint., Pig., Ver.	Peinture, Pigment, Vernis.	Pulp and Paper Mag.	Pulp and Paper Magazine of Canada.
Perf. & Essent. Oil Rec.	Perfumery and Essential Oil Record.	Quart. J. Geol. Soc. .	Quarterly Journal of the Geological Society.
Petroleum	Petroleum (German).	Quart. J. Med.	Quarterly Journal of Medicine.
Pflüger's Archiv	Archiv für die gesamte Physiologie des Menschen und der Tiere.	Quart. J. Pharm.	Quarterly Journal of Pharmacy and Pharmacology.
Pharm. J.	Pharmaceutical Journal.	Rec. Australian Mus.	Records of the Australian Museum.
Pharm. Weekblad	Pharmaceutisch Weekblad.	Rec. trav. bot. Néerland.	Récueil des travaux botaniques Néerlandais.
Pharm. Zentr. .	Pharmazeutische Zentralhalle.	Rec. trav. chim.	Récueil des travaux chimiques des Pays-Bas.
Philippine J. Sci.	Philippine Journal of Science.	Rend. Accad. Sci. Fis. Mat. Napoli	Rendiconto dell' Accademia delle Scienze Fisiche e Matematiche, Napoli.
Phil. Mag.	Philosophical Magazine (The London, Edinburgh, and Dublin).	Rend. Ist. Lomb. Sci. Lett.	Rendiconto dell' Reale Istituto Lombardo di Scienze e Lettere.
Phil. Trans.	Philosophical Transactions of the Royal Society of London.	Rop. Aust. Assoc. Sci.	Report of the Australian Association for the Advancement of Science.
Phot. J. .	Photographic Journal.	Rep. Brit. Assoc.	Report of the British Association for the Advancement of Science.
Phot. Korr.	Photographische Korrespondenz.	Rev. Aluminium	Revue de l'Aluminium.
Physica	Physica.	Rev. chim.	Revue chimique . . . Oficijalni organ udruženja Jugoslavenskih Kemičara.
Physical Rev.	Physical Review.	Rev. gen. Colloid.	Revue générale des Colloides.
Physikal. Z.	Physikalische Zeitschrift.	Rev. Gén. Mat. Col. .	Revue Générale des Matières Colorantes.
Phytopath.	Phytopathology.	Rev. Mét.	Revue de Métallurgie.
Planta (Z. wiss. Biol.)	Planta (Zeitschrift für wissenschaftliche Biologie).	Rev. Sci. Instr.	Review of Scientific Instruments.
Plast. Massi	Plastitschkie Massi.	Rocz. Chem.	Roczniki Chemji organ Polskiego Towarzystwa Chemicznego.
Proc. Amor. Acad. Arts Sci.	Proceedings of the American Academy of Arts and Sciences.	Schweiz. Chem.-Ztg. .	Schweizerische Chemiker-Zeitung.
Proc. Amer. Phil. Soc.	Proceedings of the American Philosophical Society.	Science	Scientific.
Proc. Amer. Physiol. Soc.	Proceedings of the American Physiological Society.	Sci. Agric.	Scientific Agriculture.
Proc. Amer. Soc. Biol. Chem.	Proceedings of the American Society of Biological Chemists.	Sci. Ind. Rep. Roure. Bertrand Fils	Scientific and Industrial Reports of Roure-Bertrand Fils.
Proc. Amer. Soc. Civ. Eng.	Proceedings of the American Society of Civil Engineers.	Sci. Papers Inst. Phys. Chem. Res. Tokyo	Scientific Papers of the Institute of Physical and Chemical Research, Tokyo.
Proc. Amer. Soc. Testing Materials .	Proceedings of the American Society for Testing Materials.	Sci. Proc. Roy. Dublin Soc.	Scientific Proceedings of the Royal Dublin Society.
Proc. Austral. Inst. Min. Met.	Proceedings of the Australasian Institute of Mining and Metallurgy.		
Proc. Camb. Phil. Soc.	Proceedings of the Cambridge Philosophical Society.		
Proc. Durham Phil. Soc.	Proceedings of the University of Durham Philosophical Society.		
Proc. Eng. Soc. W. Pa.	Proceedings of the Engineers' Society of Western Pennsylvania.		
Proc. Imp. Acad. Tokyo	Proceedings of the Imperial Academy (Tokyo).		
Proc. Inst. Civ. Eng. .	Proceedings of the Institution of Civil Engineers.		

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Sci. Rep. Tôhoku	Science Reports, Tôhoku Imperial University.	Ukraine Chem. J.	Ukraine Chemical Journal.
Sci. Trans. Roy. Dubl. Soc.	Scientific Transactions of the Royal Dublin Society.	Univ. Illinois Bull.	University of Illinois Bulletins.
Scot. J. Agric.	Scottish Journal of Agriculture.	Utah Agric. Coll. Exp. Stat. Bull.	Utah Agricultural College Experiment Station Bulletins.
Sitzungsber. Akad. Wiss. Wien	Sitzungsberichte der Akademie der Wissenschaften, Wien.	Verb. Geol. Reichsanst. Wien	Verhandlungen der Geologischen Reichsanstalt in Wien.
Sitzungsber. Heidelberger Akad. Wiss.	Sitzungsberichte der Heidelberger Akademie der Wissenschaften.	Verb. Ges. deut. Naturforsch. Aertze	Verhandlungen der Gesellschaft deutscher Naturforscher und Aertze.
Sitzungsber. Preuss. Akad. Wiss. Berlin	Sitzungsberichte der Preussischen Akademie der Wissenschaften zu Berlin.	Wiss. Veröff. Siemens-Konz.	Wissenschaftliche Veröffentlichungen aus dem Siemens-Konzern.
Soap	Soap.	Woch. Brau.	Wochenschrift für Brauerei.
Soil Sci.	Soil Science.	Z. anal. Chem.	Zeitschrift für analytische Chemie.
Sprechsaal	Sprechsaal.	Z. angew. Chem.	Zeitschrift für angewandte Chemie.
Stahl u. Eisen	Stahl und Eisen.	Z. anorg. Chem.	Zeitschrift für anorganische und allgemeine Chemie.
Stain Tech.	Stain Technology.	Z. Biol.	Zeitschrift für Biologie.
Staz. sper. agr. ital.	Stazioni sperimentali agrarie italiane.	Z. deut. bot. Ges.	Zeitschrift der deutschen botanischen Gesellschaft.
Suomen Kem.	Suomen Kemistilehti Acta Chemica Fennica.	Z. deut. Geol. Ges.	Zeitschrift der deutschen Geologischen Gesellschaft.
Superphosphat	Superphosphat.	Z. Elektrochem.	Zeitschrift für Elektrochemie.
Svensk Kem. Tidskr.	Svensk Kemisk Tidskrift.	Z. exp. Path. Ther.	Zeitschrift für experimentelle Pathologie und Therapie.
Tech. Rep. Tôhoku	Technology Reports of the Tôhoku Imperial University, Sendai, Japan.	Z. ges. Brauw.	Zeitschrift für das gesamte Brauwesen.
Tekn. Tidsk.	Teknisk Tidskrift.	Z. ges. exp. Med.	Zeitschrift für die gesamte experimentelle Medizin.
Textilber.	Melliand's Textilberichte über Wissenschaft, Industrie und Handel.	Z. ges. Schiess- u. Sprengstoffw.	Zeitschrift für das gesamte Schiess- und Sprengstoffwesen.
Tids. Kjemi.	Tidsskrift for Kjemi og Bergvesen.	Z. Hyg.	Zeitschrift für Hygiene und Infektionskrankheiten.
Tonind.-Ztg.	Tonindustrie-Zeitung.	Z. Instrument.	Zeitschrift für Instrumentenkunde.
Trans. Amer. Electrochem. Soc.	Transactions of the American Electrochemical Society.	Z. Krist.	Zeitschrift für Kristallographie.
Trans. Amer. Inst. Chem. Eng.	Transactions of the American Institute of Chemical Engineers.	Z. Metallk.	Zeitschrift für Metallkunde.
Trans. Amer. Inst. Metals	Transactions of the American Institution of Metals.	Z. Pflanz. Düng.	Zeitschrift für Pflanzenernährung und Düngung.
Trans. Amer. Inst. Min. Eng.	Transactions of the American Institute of Mining Engineers.	Z. Physik	Zeitschrift für Physik.
Trans. Ceram. Soc.	Transactions of the Ceramic Society.	Z. physikal. Chem.	Zeitschrift für physikalische Chemie.
Trans. Faraday Soc.	Transactions of the Faraday Society.	Z. physikal. chem. Unterr.	Zeitschrift für den physikalischen und chemischen Unterricht.
Trans. Inst. Min. and Met.	Transactions of the Institution of Mining and Metallurgy.	Z. physiol. Chem.	Hoppe-Seyler's Zeitschrift für physiologische Chemie.
Trans. N. Eng. Inst. Min. and Met.	Transactions of the North of England Institute of Mining and Metallurgy.	Z. prakt. Geol.	Zeitschrift für praktische Geologie.
Trans. New Zealand Inst.	Transactions of the New Zealand Institute.	Z. Sauerstoff Stickstoff Ind.	Zeitschrift für Sauerstoff und Stickstoff Industrie.
Trans. Nova Scotia Inst. Sci.	Transactions of the Nova Scotia Institute of Science.	Z. Spiritusind.	Zeitschrift für Spiritusindustrie.
Trans. Roy. Irish Acad.	Transactions of the Royal Irish Academy.	Z. Unters. Lebensm.	Zeitschrift für Untersuchung der Lebensmittel.
Trans. Roy. Soc. Canada	Transactions of the Royal Society of Canada.	Z. Ver. deut. Zucker Ind.	Zeitschrift des Vereins der deutschen Zucker-Industrie.
Trans. Roy. Soc. Edin.	Transactions of the Royal Society of Edinburgh.	Z. wiss. Mikrosk.	Zeitschrift für wissenschaftliche Mikroskopie und mikroskopische Technik.
Trans. Roy. Soc. S. Africa.	Transactions of the Royal Society of South Africa.	Z. wiss. Phot.	Zeitschrift für wissenschaftliche Photographie, Photophysik und Photochemie.
Trop. Agric.	Tropical Agriculturist.	Z. Zuckerind. Czecho-slov.	Zeitschrift für die Zuckerindustrie der Czechoslovakischen Republik.
Tsch. Min. Mitt.	Tschermak's Mineralogische Mitteilungen.	Zellstoff u. Papier	Zellstoff und Papier.
U.S. Bur. Mines, Bull. and Tech. Papers.	United States Bureau of Mines, Bulletins and Technical Papers.	Zentr. Bakt.	Zentralblatt für Bakteriologie, Parasitenkunde und Infektionskrankheiten.
U.S. Bur. Plant Ind.	United States Bureau of Plant Industry.	Zentr. Min.	Zentralblatt für Mineralogie, Geologie und Paläontologie.
U.S. Dept. Agric. Bull.	United States Department of Agriculture Bulletins.	Zentr. Zuckerind.	Zentralblatt für Zuckerindustrie.
U.S. Hyg. Labor. Bull.	United States Hygienic Laboratory Bulletins.	Zymologica	Zymologica, Chimica dei Colloidi e degli Zuccheri.
U.S.P.	United States Patent.		

ERRATA.

ABSTRACTS A., 1928 (PURE CHEMISTRY).

Page.	Col.	Line.	
270	1	13*	For "αγ-dibromo-n-propane" read "αγ-dibromo-n-heptane."

1930.

1049	2	19	For "W. LIETH" read "W. LEITHE."
1271	2	12*	For "Δ ^Δ -linkings" read "Δ ^Δ -linkings."
1271	2	11*	For "Δ ^Δ -linkings" read "Δ ^Δ -linkings."
1314	2	20* & 16*	In the abstract of the paper on the determination of traces of iron in biological material (T. von Fellenberg), for "potassium hydroxide" read "potassium carbonate" in each case.
1323	2	25	For "193" read "190."
1474	1	19	For "Tyrosinase . . ." read "There is no evidence that tyrosinase . . ."
1559	1	6 & 10	For "sulphate" read "sulphide."
1564	2	15*	For "nitrites" read "nitriles."
1580	1	4	For "diphenylacetimide" read "diphenylacetamide."

1931.

7	1	2	For "MOHAMMED" read "MOHAMMAD."
96	1	24*	For "sulphuric" read "acetic."
128	2	30	For "N. RYDBOM" read "M. RYDBOM."
148	2	9	For "refractivity" read "polarisation."
211	2	33*	For "isomerises to" read "is converted into."
211	2	30*	For "isomerising to" read "converted into."
336	2	1*	For "furanoid" read "pyranoid."
411	1	29*	For "DE MALLEMAN" read "DE MALLEMANN."
526	1	24	For "SUBRAMANIAM" read "SUBRAMANIAN."
551	2	26	For "sugar" read "single."
553	2	28	For "KUESER" read "KNESER."
566	2	4	For "nitrate" read "acetate."
673	2	9	For "GOSH" read "GHOSH."
736	2	21	For "SEDEL" read "SEIDEL."
761	1	24*	For "100" read "600."
763	2	23*	For "10" read "106."
797	2	37	For "charge" read "change."
853	1	15—16	For "1:3-Dimethylspirohydantoin" read "1:7-Dimethylspirohydantoin."
854	2	15	For "Homochilidonine" read "Homochelidonine."
924	2	19	For "SCHOETTLER" read "SCHNETTLER."
938	1	7	For "THILU" read "THILO."
952	2	5 & 6*	For "6-(not 2-)nitro-m-cresol" read "2-nitro-m-cresol."
1071	1	8*	For "YELLUZ" read "VELLIZ."
1112	1	2*	For "S. P. MCCOLLUM and E. L. JONES" read "S. P. MCCALLUM and F. L. JONES."
1142	1	15	For "845" read "844."
1293	2	29	For "which" read "and."
1371	2	18	For "SHULK" read "SHUKLA."
1429	2	8*	For "PCl ₅ " read "POCl ₃ ."
1430	1	5	For "PCl ₅ " read "POCl ₃ ."
1435	1	20—21	"10-Thiocyano-9:10-dihydrophenarsazine" should not be italicised (cf. Gibson <i>et al.</i> , A., 1930, 1601), and should have been described as "-5:10-," not "-9:10-."
1442	1	9*	For "L. D. HERBERT" read "L. D. HERTERT."

1932.

2	1	20*	For "SCHULER" read "SCHÜLER."
---	---	-----	-------------------------------

ABSTRACTS B., 1931 (APPLIED CHEMISTRY).

Page.	Col.	Line.	
394	1	30*	For "BARYSCH" read "BARTSCH."
551	1	22*	For "Calcutta" read "La Plata."
697	2	27*	For "Cinnamonum" read "Cinnamomum."
727	2	29*	For "hospida" read "hispidia."
1101	2	4*	For "LUDLEM" read "LUDLUM."
1327	2	8*	For "ARNAY" read "ARVAY."

* From bottom.

